

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	(marien.in. with leo) (caruso.in. with nancy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 15:20
L2	1	1 and (wall thickness "1.5" "0.8" bulb-shaped portion outer envelope).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/14 15:21
L3	17440	(313/627-643, 313/567 313/111-117 313/25-27 313/318.01-318.09 439/615,739 445/24,26,29,22).cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 15:21
L4	671	3 and (high near1 pressure) and gas and vessel and discharge and electrode\$1	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 15:22
L5	240	4 and ((wall chamber bulb glass globe) with thick\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 15:22
L7	48	5 and (thick\$6 with (chang \$4 differ\$1 different vary varies variation))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 15:24
L8	1	"20040201353".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 15:55
S1	1	"4888517".pn.	USPAT	OR	ON	2008/03/05 10:56
S2	0	"0533325"	EPO	OR	ON	2008/03/05 10:57
S3	0	("0533325").pn.	EPO	OR	ON	2008/03/05 10:57
S4	0	EP0533325	EPO	OR	ON	2008/03/05 10:57
S5	6	("4342937"   "4345178"   "4459506"   "4490642"   "4591752"   "4721876"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:20
S6	16774	(313/627-643, 313/567 313/111-117 313/25-27 313/318.01-318.09 439/615,739 445/24,26,29,22).cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:24
S7	4379652	@ad< "20030818"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:26

S8	5131	(high near1 pressure) and gas and vessel and discharge and electrode\$1	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:27
S9	445	S6 and S7 and S8	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:27
S10	445	S9 and (ioniz\$4 wall thickness bulb quartz ceramic height ratio mold glass)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:29
S11	379	S10 and @ad< "20020818"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:30
S12	15	S10 and (burst explode)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:31
S13	99	S11 and (wall near5 thick \$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:34
S14	3	S13 and (wall near5 thick \$4 near20 ratio)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:39
S15	3	S10 and (outer near1 wall near10 thick\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:45
S16	10	S10 and (uniform near1 thickness)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 12:43
S17	0	S16 and (outer near1 (wall envelope vessel chamber))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 12:44
S18	1121	S8 and (outer near1 (wall vessel chamber space envelope container bulb))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 12:48
S19	1121	S8 and (outer near1 (wall vessel chamber space envelope container bulb))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 12:48
S20	450	S19 and (thick\$4 near3 (wall chamber envelope glass vessel space container bulb))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 12:50
S21	62	S20 and ((uniform near1 thickness) ("same thickness"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 12:53
S22	1173	(high near1 pressure near1 discharge near1 lamp)	USPAT	OR	ON	2008/03/05 13:24
S23	1	"5510676".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:30

S24	4	("4755721"   "4855643"   "5015913"   "5142188"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:36
S25	1067	"19" and (high near1 pressure near1 discharge near1 lamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 13:38
S26	244	S25 and (outer near6 glass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 13:39
S27	173	S26 and @ad< "20030818"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 13:40
S28	66	S27 and ((envelope chamber vessel bulb) near "10" mold\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 13:48
S29	287	S22 and (outer near1 (wall envelope vessel chamber))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:59
S30	4	S29 and (outer near20 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 14:00
S31	58	S25 and (distance near10 electrode\$1 near20 (height length width diameter) near3 (tube lamp vessel chamber space))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 15:05
S32	39	S31 and @ad< "20030818"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 15:14
S33	16	S29 and (distance near10 electrode\$1 near20 (height length width diameter) near3 (tube lamp vessel chamber space))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 15:28

S34	43	S29 and (length near10 (outer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 15:33
S35	2	"5838104".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/05 16:00
S36	12	S29 and (outer near20 thin \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/05 16:14
S37	3	("5510676" "5719463" "5838104").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 08:34
S38	1212	(high near1 pressure near1 discharge near1 lamp)	USPAT	OR	ON	2008/09/06 11:23
S39	293	S38 and (outer near1 (wall envelope vessel chamber))	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/06 11:23
S40	43	S39 and (length near10 (outer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/06 11:23
S41	3	S40 and ("100" near1 watt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/06 11:23
S42	7	S40 and ("100" with watt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/06 11:26
S43	4	S42 not S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/06 11:26

S44	4	("20030062838" "5510676").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 06:43
S45	2	("20030062838" "5510676").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/09 06:43
S46	5761	(high near1 pressure near1 discharge near1 lamp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 06:54
S47	3903	S46 and @ad< "20030818"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 06:55
S48	297	S47 and (outer near1 (wall envelope vessel chamber))	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/09 06:56
S49	315	S47 and (outer near1 (wall envelope vessel jacket chamber))	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/09 06:56
S50	68	S49 and (length with (outer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 06:57
S51	383	S47 and (outer near1 (wall envelope vessel jacket chamber))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 07:01
S52	75	S51 and ((length height) with (outer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 07:02
S53	45	S52 and (electrode with (spac\$3 separation distance gap))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 07:02

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